



Indiana Conservation Officer UAV Search and Rescue

FAA FORM 7711-1 UAS COA Attachment
Blanket Area Public Safety Agency COA
2016-CSA-191-COA

Page 1 of 14

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

CHANGE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

8900.1 CHG 477

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Office of the Secretary of Transportation

14 CFR Parts 21, 43, 61, 91, 101, 107, 119, 133, and 183

[Docket No.: FAA-2015-0150; Amdt. Nos. 21-99, 43-48, 61-137, 91-343, 101-9, 107-1,

119-18, 133-15, and 183-16]

RIN 2120-AJ60

Operation and Certification of Small Unmanned Aircraft Systems

AGENCY: Federal Aviation Administration (FAA) and Office of the Secretary of

Transportation (OST), Department of Transportation (DOT).

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Effective Date:
8/26/16

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ote Pilots; Volume 16, Chapter 5,
d Volume 16, Chapter 5, Section 2,

certificate shall be attached and become a part hereof.



Indiana Conservation Officer UAV Search and Rescue

Indiana conservation officer finds kayaker in Adams

POSTED 8:21 PM, JUNE 28, 2014, BY REBECCA BENNETT - ASSIGNMENT

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TWITTER



Look For

Indiana DNR saves the drowning

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Indiana Conservation Officers Receive SUAS For Search & Rescue Efforts

NOVEMBER 21ST, 2016

BRITNEY TAYLOR

INDIANA



saves the

The Indiana Conservation Officers will receive a device to help with search and rescue efforts. Indiana Conservation Officers now have Small Unmanned Aircraft Systems (SUAS) added to their search and rescue efforts. The DNR Law Enforcement Division is the first state emergency response agency to receive official endorsement to utilize these devices for search and

Conservation officers in Shelby County find body in area where missing man was last seen

POSTED 9:57 AM, MAY 30, 2016, BY KYLEE WIERKS - WEB PRODUCER, UPDATED AT 05:15PM, MAY 30, 2016

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PINTEREST



This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it

Carolyn recovered



Indiana Conservation Officer UAV Search and Rescue

DRONE SAR
SEARCH AND RESCUE

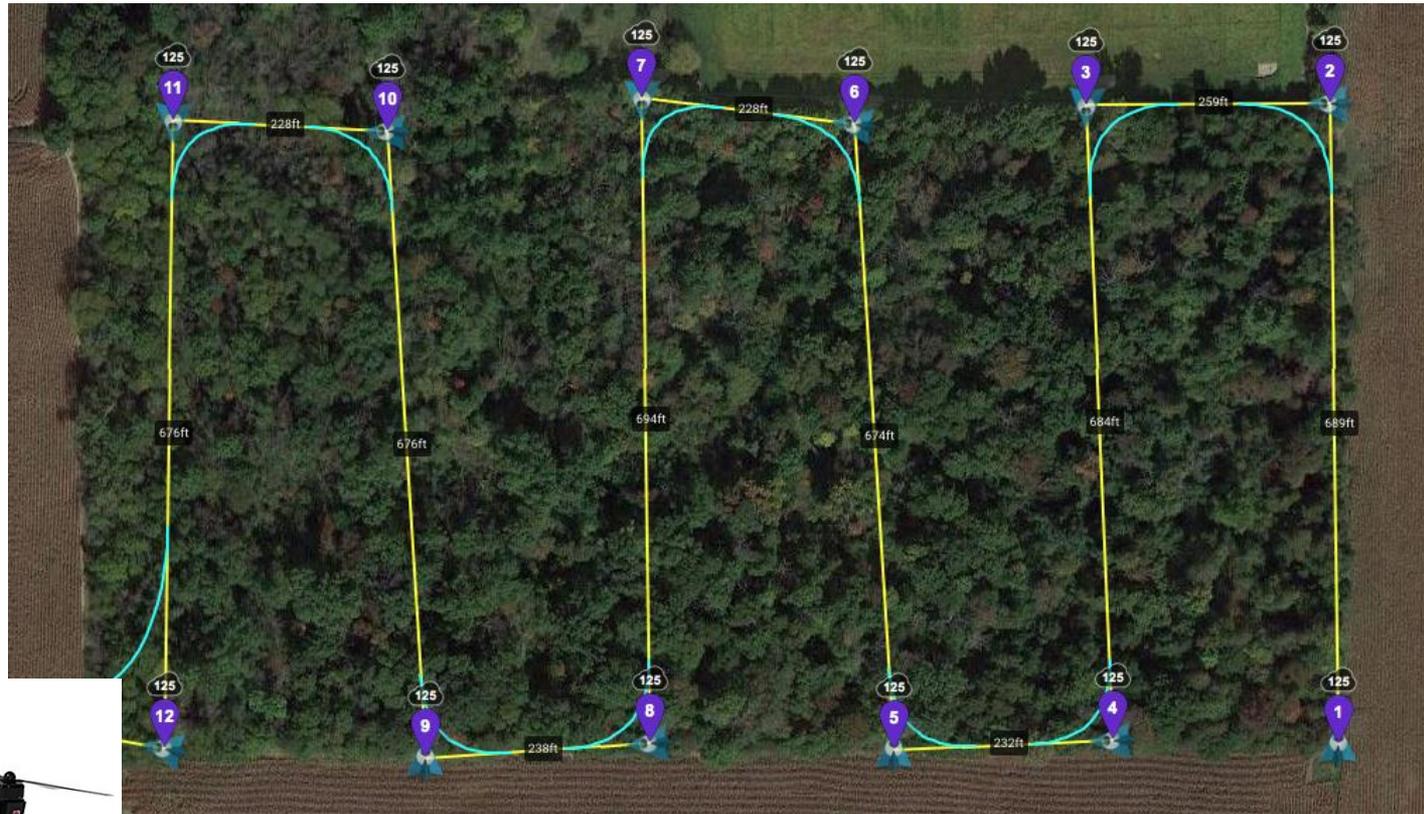
"Software that saves lives"

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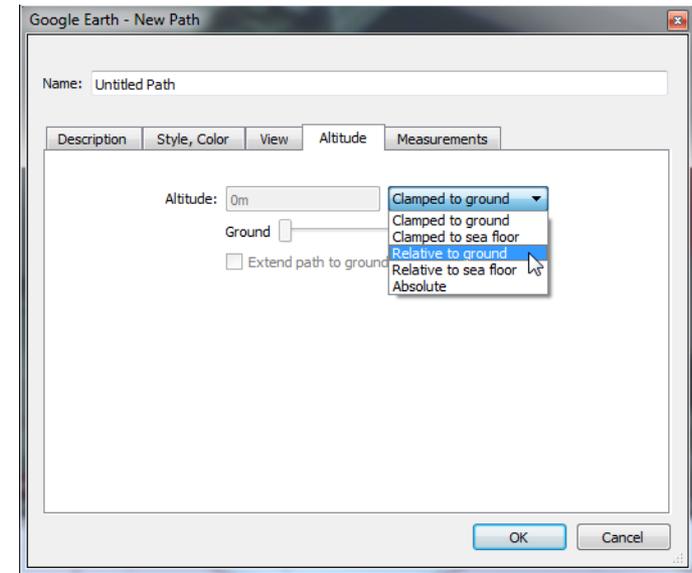
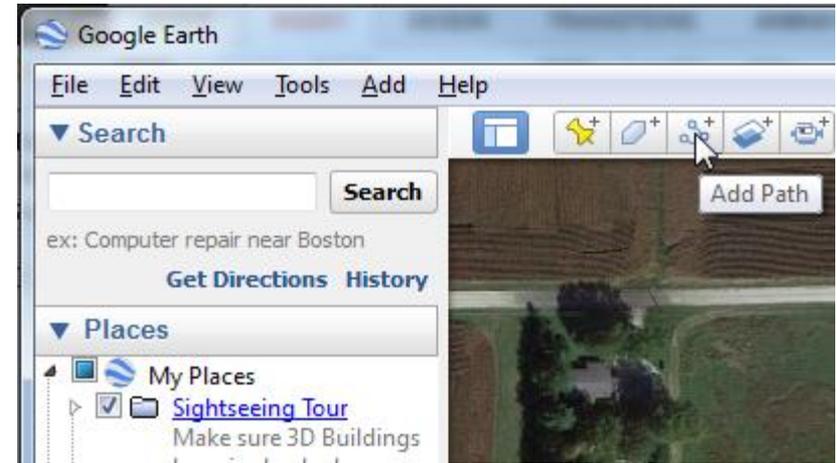
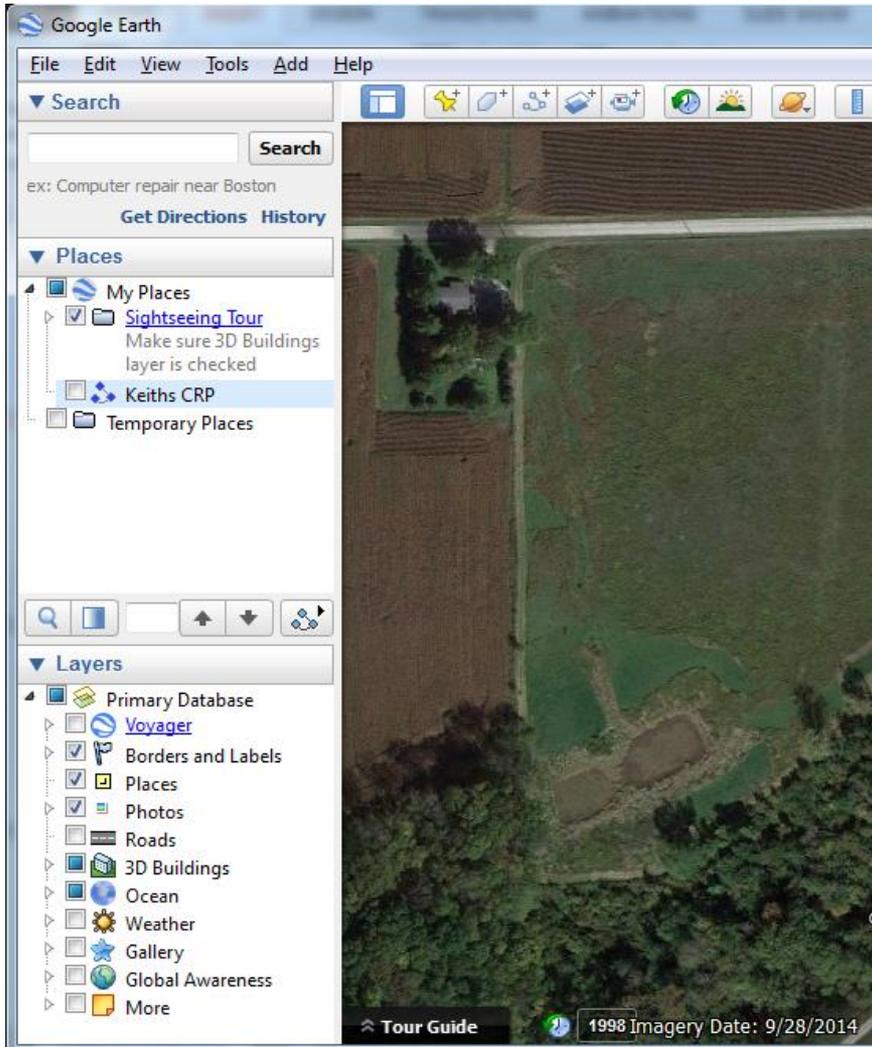


Indiana Conservation Officer UAV Search and Rescue

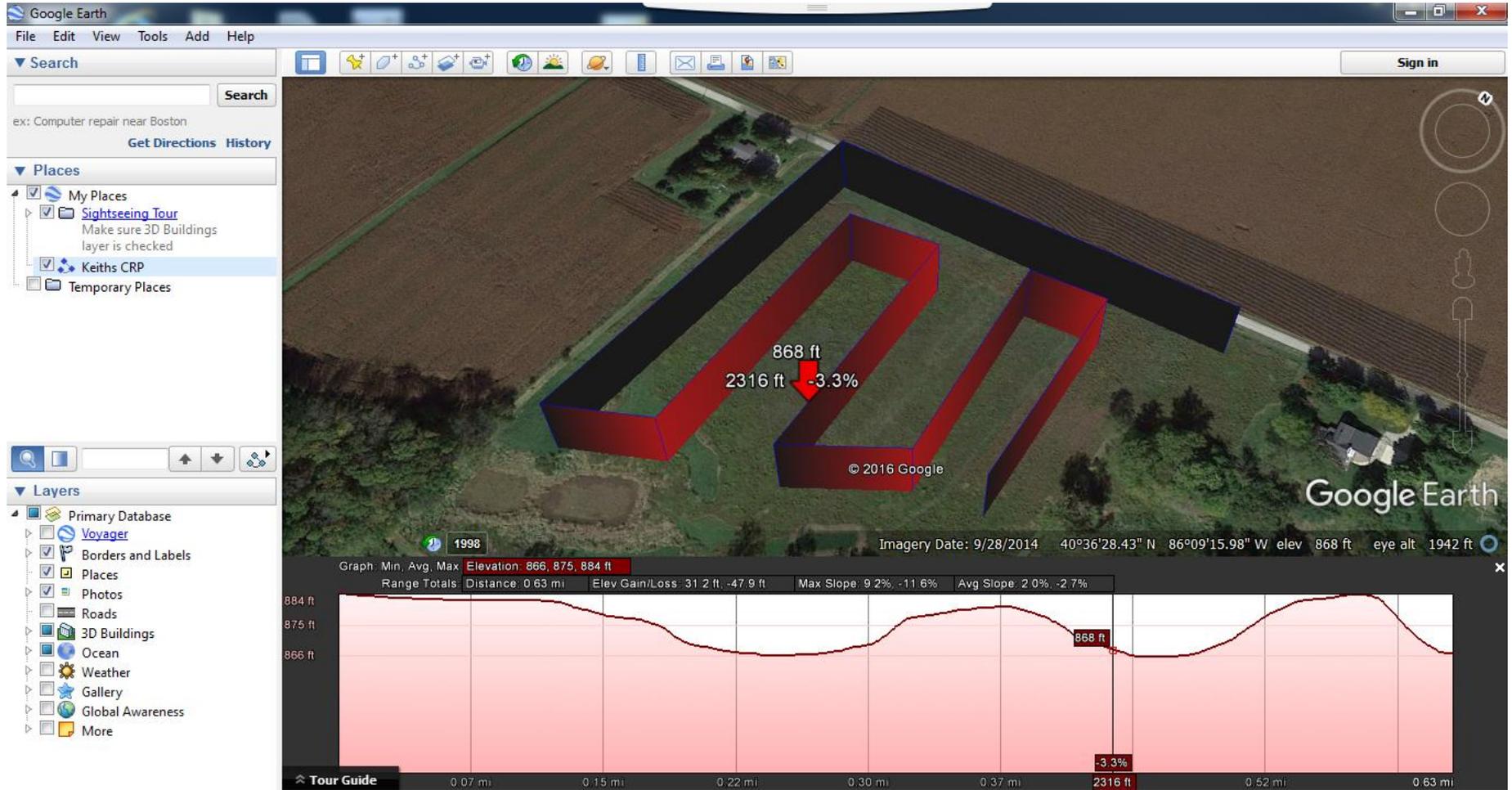
1. Agency receives request/notification
2. UAV pilot deploys to search area
3. UAV pilot conducts aerial reconnaissance



Indiana Conservation Officer UAV Search and Rescue

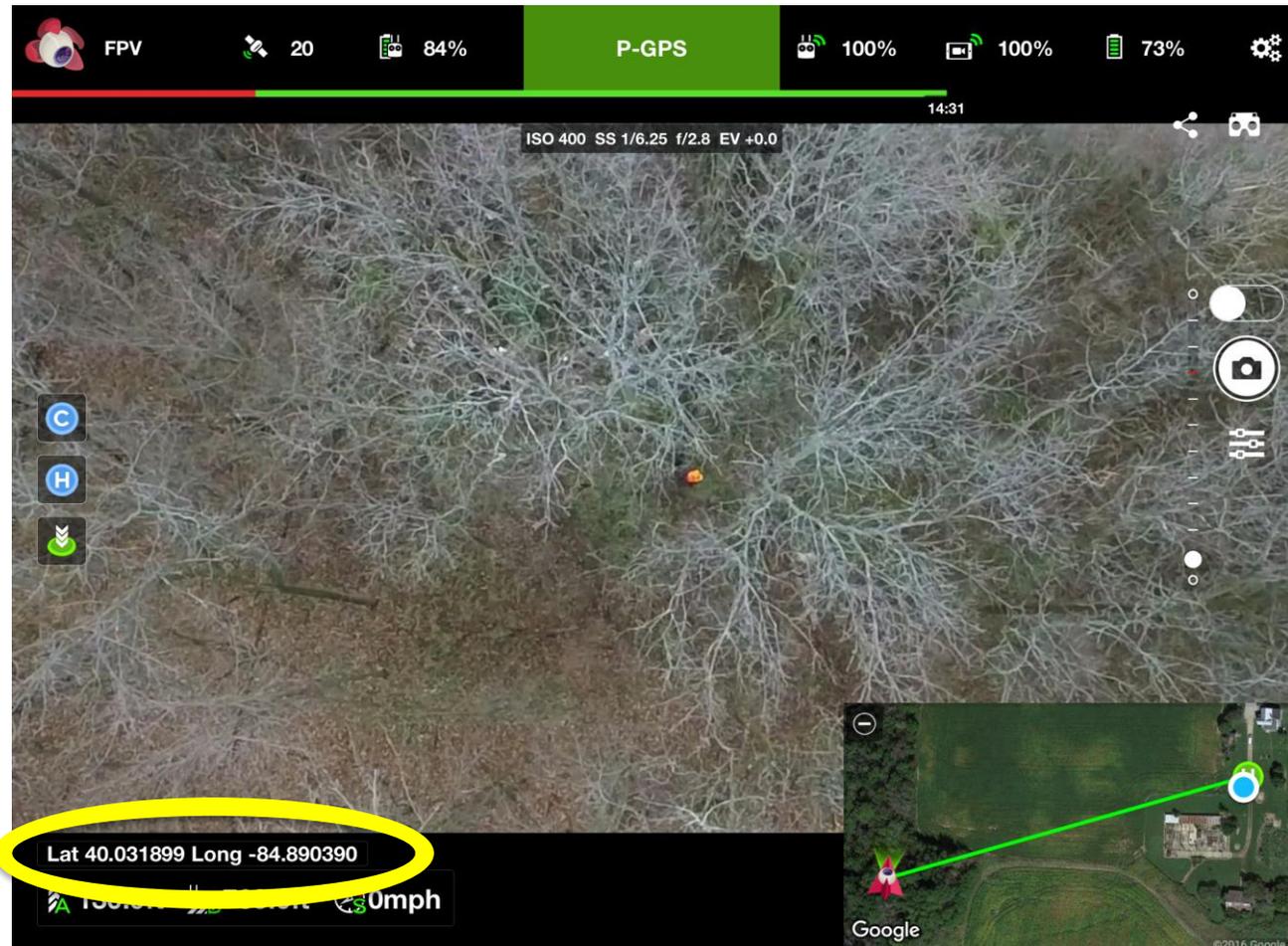


Indiana Conservation Officer UAV Search and Rescue

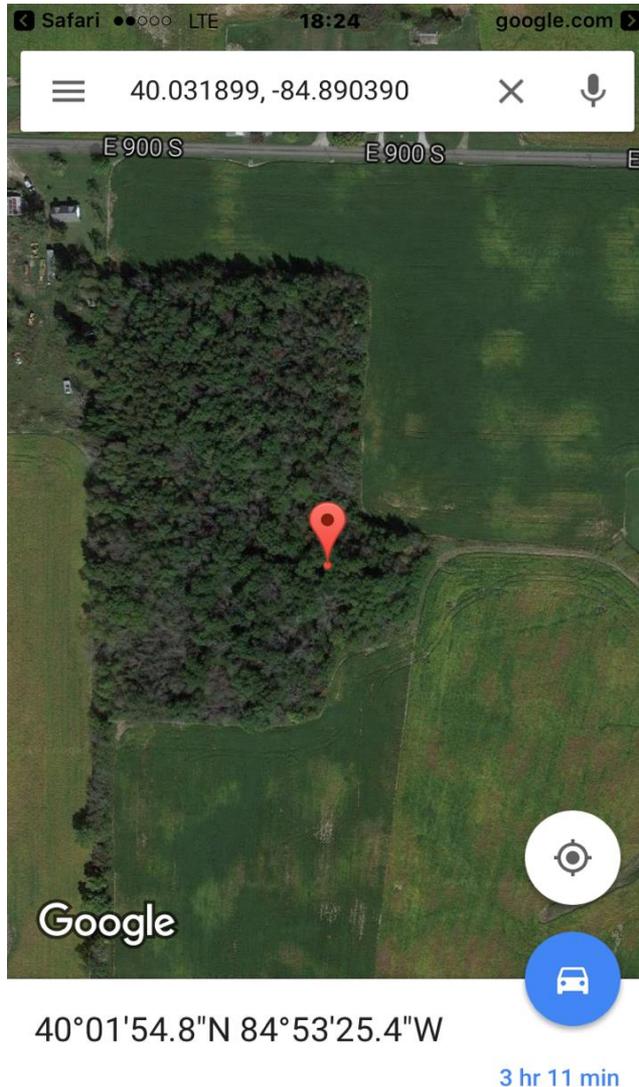


Indiana Conservation Officer UAV Search and Rescue

1. Positions UAV over target with aircraft facing north
2. Transmits GPS coordinates from Litchi app (verbally or screen shot) to deploying rescuers



Indiana Conservation Officer UAV Search and Rescue



1. Co-pilot or rescuer enters GPS coordinates into iPhone's browser address bar, search window or Google maps format: XX.XXXXXX, -XX.XXXXXX
2. Rescuer navigates to Google map location (see example iPhone screen shot at left)
3. UAV pilot has capability to transmit live coverage via YouTube for situational awareness or refining point of search

UAV Search and Rescue:

- ✓ Saves time
- ✓ Reduces costs
- ✓ Significantly mitigates risks associated with the search and rescue process



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